USDA United States Department of Agriculture | Forest Service | Northeastern Area State and Private Forestry | 180 Canfield Street Morgantown, WV 26505-3101

File Code: 3400
Date: December 4, 2009

Mr. Steve Cinnamon
USDI National Park Service
Midwest Region
1709 Jackson Street
Omaha, NB 68102-2571

Dear Mr. Cinnamon:

A summary of the 1983-2009 gypsy moth trapping program at Hopewell Culture National Historical Site is enclosed for your information (Table 1). A map showing trap locations is also enclosed (Figure 1). The purpose of the trapping program is to monitor low- level gypsy moth populations and help determine when more intensive survey methods should be employed.

Only one male moth was trapped at Hopewell Culture NHP in 2009. This is a slight decrease from 3 moths trapped in 2008. Based on these results, gypsy moth populations will not have an impact on the forest resources at Hopewell Culture NHP in the immediate future. We would like to continue the trapping program at the same intensity in 2010.

Figure 2 shows the 2009 results of the Slow-the-Spread (STS) trapping program in Ohio. The insert on Figure 2 shows a zoomed-in-view of the STS results in the vicinity of Hopewell Culture NHP. For more information regarding the STS program, please visit http://www.gmsts.org.

For your information, our GM Digest website is located at http://www.na.fs.fed.us/fhp/gm/index.shtm. This site is a good resource for general gypsy moth information.

Thank you for your continued cooperation and if you have any questions regarding these results, please call Karen Felton at (304) 285-1556.

Sincerely,

Bob Lueckel

ROBERT G. LUECKEL
Field Representative
Morgantown Field Office

Enclosures

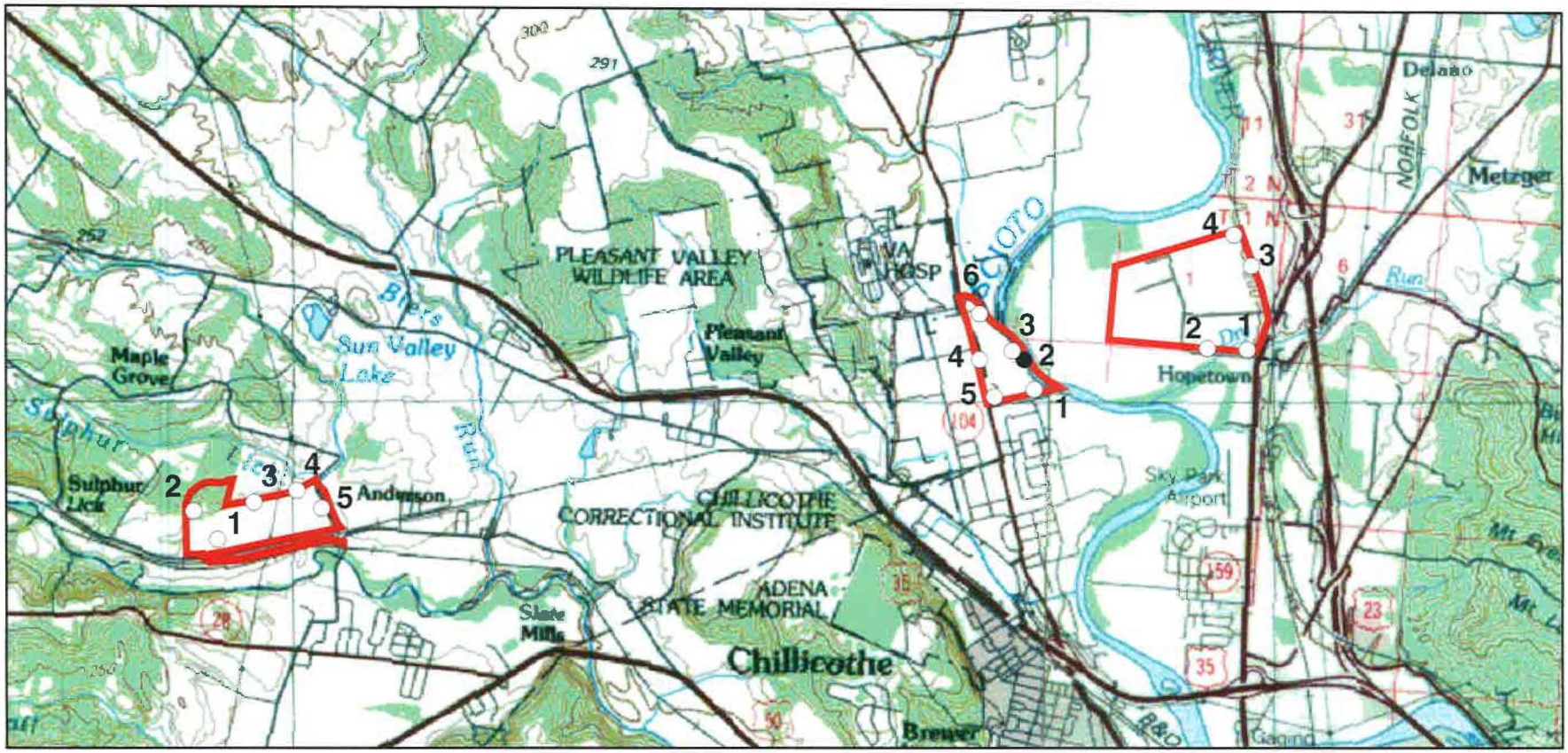
cc: Constance Jones, Hopewell Culture NHP
Dave Adkins, OHDA
Lisa Bowers, OH DNR

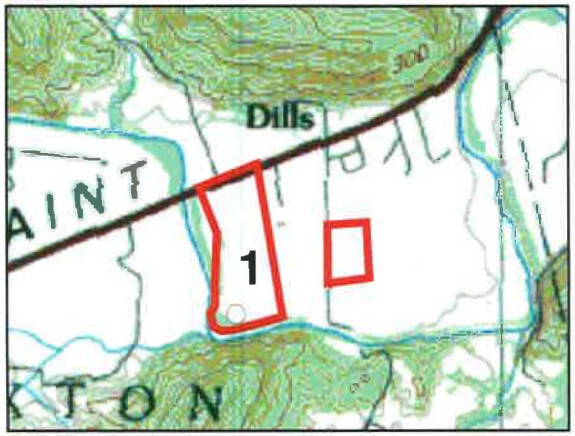
KDF/blm

Table 1. -- Summary of the 1983-2009 gypsy moth trapping program at Hopewell Culture National Historical Park, Midwest Region.

Hopewell Culture National Historical Park (Ross County, OH)			
Year	Number of traps	Total moths caught	Positive catch trap number
1983	5	0	--
1984	5	0	--
1985	5	1	5
1986	5	0	--
1987	5	0	--
1988	6	0	--
1989	6	0	--
1990	6	0	--
1991	6	0	--
1992	10	0	--
1993	7	1	5
1994	7	0	--
1995	10	0	--
1996	10	1	9
1997	30	0	--
1998	30	3	1-B, 4-B 5-B Hopewell Mound Group
1999	30	20	MC2, MC7, MC8, MC10, MG1-MG7, MG9, EW1, EW7, EW8, EW10
2000	30	7	MC4, MC5, MC8, MC10, MGH, EW9
2001	30	6	--
2002	20	2	MG2
2003	17	2	MCI, MC6
2004	20	5	MG 3 & 4, HEW5, SEW1, HBEW1
2005	20	17	MG1, HEW1, 2, SEW0, HBE 1-3
2006	19	11	MG1, 3, 5, HEW1, SEW1, HMG, 2,5
2007	20	1	--
2008	19	3	MG1, MG6, HEW1
2009	19	1	MG2

Figure 1.--2009 gypsy moth trap locations at Hopewell Culture National Historical Park.





Legend

2009 trap locations

- 0 moths per trap
- 1 moth per trap
- Hopewell Culture NHP properties

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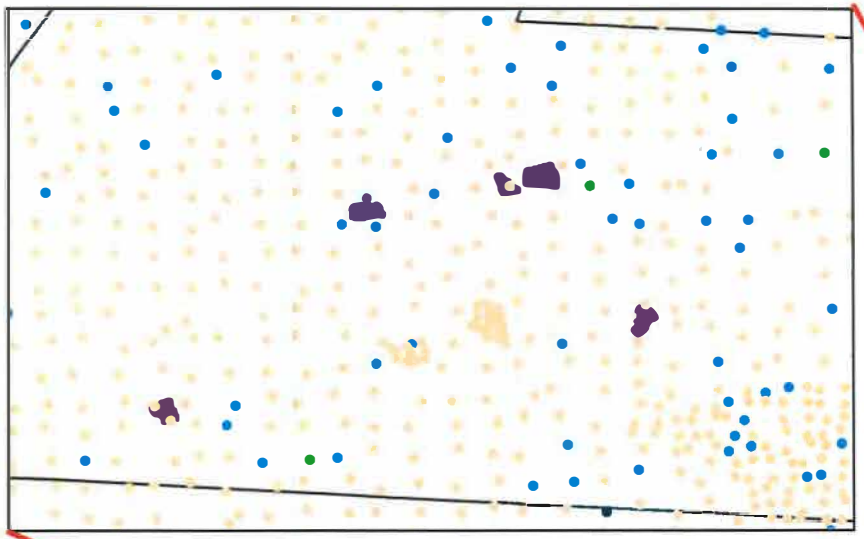
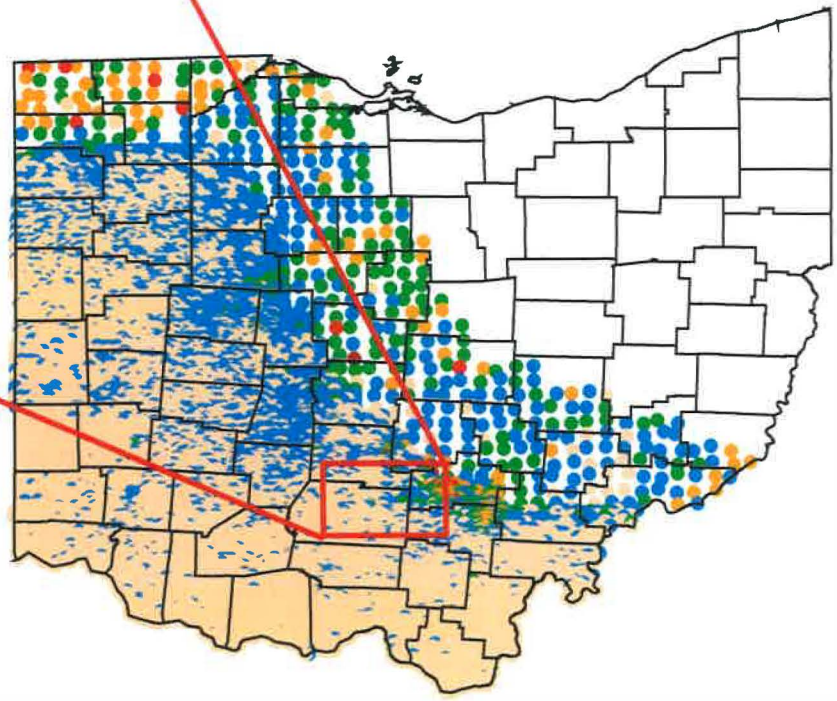
Figure 2.--2009 Slow-the-Spread trapping results in Ohio and in the proximity of Hopewell Culture NHP.





Legend

2009 STS trapping results

- 0 moths per trap
- 1 - 10 moths per trap
- 11 - 50 moths per trap
- 51 - 200 moths per trap
- 201 - 500 moths per trap
- 501 - 772 moths per trap
- Counties
- Hopewell Culture NHP properties

Data Source:
Gypsy Moth Slow-the Spread Project
http://www.gmsts.org/

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